

Comparisons of Job Characteristics

Focus Occupation: Budget Analysts (13-2031)

Associated Occupation: Actuaries (15-2011)

Compare Knowledge
 Compare Skills
 Compare Abilities
 Compare Detailed Work Activities
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Budget Analysts (13-2031)

Associated Occupation: Actuaries (15-2011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	9.2	24.8	15.9	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	17.1	19.2	>	Current knowledge level is likely sufficient
Computers and Electronics	8.4	15.9	12.5	<<	Extensive education and/or training may be required
Administration and Management	8.4	12.3	14.7	>	Current knowledge level is likely sufficient
Law and Government	5.9	10.8	9.6	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Budget Analysts (13-2031)

Associated Occupation: Actuaries (15-2011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematics	6.2	17.2	10.6	<<	Extensive development of skills in this area may be required
Critical Thinking	10.8	16.4	12.5	<<	Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	16.4	11.5	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	14.8	10.6	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	14.4	9.7	<<	Extensive development of skills in this area may be required

Systems Evaluation	6.4	14.4	8.1	<<	Extensive development of skills in this area may be required
Management of Financial Resources	3.3	10.3	9.5	0	Current skill level may be sufficient
Operations Analysis	5.0	10.1	8.6	<	A higher skill level may be required
Programming	2.2	6.7	2.0	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 98									
Focus Occupation: Budget Analysts (13-2031) Associated Occupation: Actuaries (15-2011)										
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation						
Mathematical Reasoning	6.3	17.3	14.0	<<	Extensive improvement in abilities may be required					
Number Facility	6.3	17.0	15.0	<	Some improvement in abilities may be required					
Deductive Reasoning	10.6	15.5	11.8	<<	Extensive improvement in abilities may be required					
Written Comprehension	11.0	15.2	14.3	0	Current ability level may be sufficient					
Inductive Reasoning	10.2	14.5	11.6	<	Some improvement in abilities may be required					
Near Vision	11.1	14.1	11.0	<<	Extensive improvement in abilities may be required					
Information Ordering	9.9	12.6	10.8	<	Some improvement in abilities may be required					
Category Flexibility	9.0	12.0	9.3	<<	Extensive improvement in abilities may be required					
Selective Attention	8.7	11.1	8.3	<<	Extensive improvement in abilities may be required					

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 79
Focus Occupation: Budget Analysts (13-2031) Associated Occupation: Actuaries (15-2011)	
Work Activities	Exclusivity of Activity
Advise clients on financial matters	77
Make presentations on financial matters	84
Use spreadsheet software	18

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Budget Analysts (13-2031)

Associated Occupation: Actuaries (15-2011)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.